

ABSTRACT

Method and apparatus for detecting cardiac repolarization abnormality using at least one electrocardiogram signal. The at least one electrocardiogram signal can be obtained from any number of continuous or non-continuous windows. The method can include deriving a total quantity of representative beats of the at least one electrocardiogram signal. At least one morphology shape descriptor can be used to determine a total quantity of values representing the total quantity of representative beats. Data corresponding to at least some of the total quantity of values can be used to assess cardiac repolarization abnormality.

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